

What is Claimed is:

5 (1) A display information fixing method to be executed on a display information fixing apparatus for transmitting page information to an information terminal having a display screen and an input unit, comprising the steps of:

10 (a) analyzing a page template specified by a display information acquisition request from said information terminal,

15 (b) acquiring formatter specifying information and display attribute information from said page template,

(c) acquiring a formatter on the basis of said formatter specifying information, and

20 (d) processing contents to be incorporated into said page template on the basis of said display attribute, to generate page information to be displayed on the display apparatus of said information terminal.

25 (2) A display information fixing method to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, comprising the steps of:

(a) analyzing a page template specified by a display information acquisition request from said information terminal,

(b) acquiring formatter specifying information and display attribute information from said page template,

(c) acquiring a formatter on the basis of said formatter specifying information,

(d) acquiring information on a plurality of contents to be displayed on said page template, and

(e) generating, if it is judged that said display attributes include one indicating rotation, page information including information on a first content among said plurality of contents and for generating, after the lapse of a prescribed length of time, page information including information on a second content among said plurality of contents.

(3) A display information fixing method to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, comprising the steps of:

(a) analyzing a page template specified by a display information acquisition request from said information terminal,

(b) acquiring formatter specifying information and display attribute information from said page template,

(c) acquiring a formatter on the basis of said formatter specifying information,

(d) acquiring information on a plurality of contents to be displayed on said page template, and

(e) excluding, if it is judged that said display attributes include one indicating random, information on a first content among said plurality of contents and for

generating page information including information on a second content among said plurality of contents.

- 5 (4) A display information fixing method to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, comprising the steps of:

10 (a) analyzing a page template specified by a display information acquisition request from said information terminal,

(b) acquiring formatter specifying information and display attribute information from said page template,

(c) acquiring a formatter on the basis of said formatter specifying information,

15 (d) acquiring information on any content to be displayed on said page template,

(e) acquiring size information on a display area predefined to display the content from said page template,

20 (f) comparing the size information on said display area and the size information on said acquired content, and

25 (g) adjusting, if it is judged that the size information on said display area has a greater value than the size information on said acquired content and said display attributes include one to instruct adjusted displaying, the size of said display area to the size of said content and generating page information.

5 (5) A display information fixing method to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, comprising the steps of:

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10 (a) analyzing a page template specified by a display information acquisition request from said information terminal,

(b) acquiring formatter specifying information and display attribute information from said page template,

(c) acquiring a formatter on the basis of said formatter specifying information,

(d) searching for information on a content to be displayed on said page template,

15 (e) judging, if it is judged that there is no content to be displayed, whether or not information on default contents is defined in said page template, and

20 (f) generating, if any information on default contents exists, page information including said information on default contents.

25 (6) A display information fixing method to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, comprising the steps of:

(a) analyzing a page template specified by a display information acquisition request from said information terminal,

(b) acquiring from said page template formatter specifying information and display attribute information on a formatter to control the arrangement of a plurality of contents,

5 (c) acquiring a formatter on the basis of said formatter specifying information,

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(d) searching for information on a plurality of contents to be displayed on said page template, and

10 (e) generating page information on the arrangement of said contents on the basis of information indicating the direction of arrangement contained in said display attributes.

15 (7) A display information fixing means for transmitting page information to an information terminal having a display screen and an input unit, comprising:

(a) an means for analyzing a page template specified by a display information acquisition request from said information terminal,

20 (b) an means for acquiring from said page template formatter specifying information and display attribute information,

(c) an means for acquiring a formatter on the basis of said formatter specifying information, and

25 (d) an means for processing, on the basis of said display attributes, contents to be incorporated into said page template and to generate page information to be displayed on the display unit of said information

terminal.

- (8) A display information fixing means for transmitting page information to an information terminal having a display screen and an input unit, comprising:

(a) an means for analyzing a page template specified by a display information acquisition request from said information terminal,

(b) an means for acquiring formatter specifying information from said page template,

(c) an means for acquiring a formatter on the basis of said formatter specifying information, and

(d) an means for transmitting a formatter, together with said page template, to said information terminal to process, on the basis of said display attributes, contents to be incorporated into said page template and for generating page information to be displayed on the display unit of said information terminal.

- (9) A storage medium storing a display information fixing program to be executed on a display information fixing apparatus for transmitting page information to an information terminal having a display screen and an input unit,

the program comprising:

(a) a program code for instructing analysis of a page template specified by a display information acquisition request from said information terminal,

(b) a program code for instructing acquisition of

formatter specifying information and display attribute information from said page template,

(c) a program code for instructing acquisition of a formatter on the basis of said formatter specifying information, and

(d) a program code for instructing processing of contents to be incorporated into said page template on the basis of said display attributes and generation of page information to be displayed on the display apparatus of said information terminal.

(10) A storage medium storing a display information fixing program to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit, the program comprising:

(a) a program code for instructing analysis of a page template specified by a display information acquisition request from said information terminal,

(b) a program code for instructing acquisition of formatter specifying information and display attribute information from said page template,

(c) a program code for instructing acquisition of a formatter on the basis of said formatter specifying information,

(d) a program code for instructing acquisition of information on a plurality of contents to be displayed on said page template, and

5 (e) a program code for instructing, if it is judged  
that said display attributes include one indicating  
rotation, generation of page information including  
information on a first content among said plurality of  
contents and, after the lapse of a prescribed length of  
time, generation of page information including  
information on a second content among said plurality of  
contents.

10 (11) A storage medium storing a display information fixing  
program to be executed on a display information fixing  
apparatus for transmitting display information to an  
information terminal having a display screen and an  
input unit,

the program comprising:

15 (a) a program code for instructing analysis of a page  
template specified by a display information acquisition  
request from said information terminal,

20 (b) a program code for instructing acquisition of  
formatter specifying information and display attribute  
information from said page template,

(c) a program code for instructing acquisition of a  
formatter on the basis of said formatter specifying  
information,

25 (d) a program code for instructing acquisition of  
information on a plurality of contents to be displayed  
on said page template, and

(e) a program code for instructing exclusion, if it is  
judged that said display attributes include one  
indicating random, of information on a first content



among said plurality of contents and generation of page information including information on a second content among said plurality of contents.

5 (12) A storage medium storing a display information fixing program to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit,

the program comprising:

10 (a) a program code for instructing analysis of a page template specified by a display information acquisition request from said information terminal,

15 (b) a program code for instructing acquisition of formatter specifying information and display attribute information from said page template,

(c) a program code for instructing acquisition of a formatter on the basis of said formatter specifying information,

20 (d) a program code for instructing acquisition of information on any content to be displayed on said page template,

(e) a program code for instructing acquisition of size information on a display area predefined to display the content from said page template,

25 (f) a program code for instructing comparison of the size information on said display area with the size information on said acquired content, and

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(g) a program code for instructing, if it is judged that the size information on said display area has a greater value than the size information on said acquired content and said display attributes include one to instruct adjusted displaying, adjustment of the size of said display area to the size of said content and for generating page information.

10 (13) A storage medium storing a display information fixing program to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit,

the program comprising

15 (a) a program code for instructing analysis of a page template specified by a display information acquisition request from said information terminal,

(b) a program code for instructing acquisition of formatter specifying information and display attribute information from said page template,

20 (c) a program code for instructing acquisition of a formatter on the basis of said formatter specifying information,

25 (d) a program code for instructing searching for information on a content to be displayed on said page template,

(e) a program code for instructing, if it is judged that there is no content to be displayed, judgment of whether or not information on default contents is defined in said page template, and

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(f) a program code for instructing, if any information on default contents exists, generation of page information including said information on default contents.

5 (14) A storage medium storing a display information fixing program to be executed on a display information fixing apparatus for transmitting display information to an information terminal having a display screen and an input unit,

10 the program comprising:

(a) a program code for instructing analysis of a page template specified by a display information acquisition request from said information terminal,

15 (b) a program code for instructing acquisition of formatter specifying information and display attribute information on a formatter to control the arrangement of a plurality of contents from said page template,

20 (c) a program code for instructing acquisition of a formatter on the basis of said formatter specifying information,

(d) a program code for instructing searching for information on a plurality of contents to be displayed on said page template, and

25 (e) a program code for instructing generation of page information on the arrangement of said contents on the basis of information indicating the direction of arrangement contained in said display attributes.